

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: mvjfm@mvubr.mv.lucent.com (James M Fitton +1 508 960 2577)
Subject: [7824] 160m Olde Tyme Radio
Message-ID: <199701031349.IAA08588@alig1.firewall.lucent.com>

Bob, AA4IC,

Last nite,
a kw 160m SSB station was splattered
all around the freq. we wanted to use.
My little \$50 SWL-160, with NE-602 front
end almost bounced off the table HI

But, 1.833 MHz was clear, and I called CQ QRP.

AA1MY/QRP (CT), with his BIG LOOP ant answered and
the fun began !!!

He called CQ QRP and we had 6 QSOs, and 4 were 2XQRP.
We were calling and looking for you.

160m	
QRP	QRO
-----	-----
W1FMR NH	VE1ZJ
AA1MY CT	AA80Y
WA4DAI VA	
WA1QVM MA	
VE3CSK (7W) ONT	

How about a 160m sked next Thurs. nite 1/9/97
at 8 p.m. around 1.833 MHz ?

Thanks gang for the great fun !

Other 2XQRP QSOs last nite
on 3.560, with :

AA1MY SEAB (Big Loop)
W3CV SCOTT
W7KXB (AZ) BILL
VE3SP RON
WA8CLZ BYRON

Happy New Year to all....

Jim W1FMR

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [7819] 80M QRP Beacon Times
Message-ID: <970103105418Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB@MHS>

Hi all,

In response to requests for more notice as to the operation times of my beacon, I'm sending this now (Friday 10:30 GMT).

I intend to run the beacon at about sunrise and sunset times in the UK over the coming weekend. At present sunrise here is around 08:15 GMT and sunset is around 16:05 GMT.

Operation depends upon several factors;

- 1) I must be in the shack, to satisfy UK licensing rules;
- 2) The video must not be in use (really must get round to filtering that thing);
- 3) I must not be using the rig for a QSO!

The keyer is boxed up now, so I hope that will have cured the clicks problem. I have had several good reports of the keyer, but will ask the amateur up the road to listen as well and may need to take the beacon off to try a couple of mods suggested by others on the list.

72 and please let me have any reports of hearing the beacon.

Thanks de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: bobsey@juno.com (Robert G. Seymour)
Subject: [7799] Aw shucks
Message-ID: <19970103.015445.9278.1.BOBSEY@juno.com>

I said I would be on 7-9pm..I meant 7-11pm. Hope the condx improves here..

Back to the ear phones!!
Bob, W0LK

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Joe Gervais <vole@primenet.com>
Subject: [7800] AZ FSFD - Ready for action!
Message-ID: <199701030207.TAA25364@primenet.com>

Howdy Folks,

Just a reminder that Friday is Arizona's turn at FSFD.
Wx here has been gorgeous, so I may be operating from
the backyard, working on my tan. :-)

Here's the sked. Novice/Techs take note - I'll be hanging
out on 7.118 +/- most of the night. C'mon out!!!

Jan. 03, Friday	ARIZONA	KC7NEV, Joe:	2->3:30 PM MST	14.062
			4->5:30 PM MST	10.118
	NOVICE		7->8:30 PM MST	7.118
	BAND		9:30->on til??	7.118
		W7KXB, Bill		7.039?
		KK7BD, Dan:	9->10:30 AM MST	10.118
			11 AM->12:30 "	14.060
			1->2 PM "	21.060
			2:30->3:30 PM "	10.118
			4->5:30 PM MST	14.060
			6:30->7:30 PM "	7.038
			7:30-9 PM MST	3.560

Hope to hear you out there!

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

Off to chase Arkansas...

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Joe Gervais <vole@primenet.com>
Subject: [7857] AZ FSFD: 20m QSY
Message-ID: <199701032128.0AA17904@primenet.com>

Gang,

Had to QSY to 14.055 - bad QRM. It's 2:27 PM MST - See you there!!!

Need a computer by my rig - gotta run call CQ!

Cheers,

Joe, KC7NEV, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Marshall Emm <75230.1405@CompuServe.COM>
Subject: [7833] CQC Meeting
Message-ID: <970103153342_75230.1405_HHB65-1@CompuServe.COM>

All are invited to attend the January meeting of the Colorado QRP Club which will take place tomorrow morning (Saturday, 1/4/97) at the Castlewood Public Library at 10:00AM. The library is located at Arapahoe and S. Uinta St, two lights West of I-25.

Tomorrow's program will feature Dayle Larsen, KB0OPT and is titled "Learn the fine art of soldering."

All are welcome, a good time is guaranteed, and the meeting will be followed by lunch at a nearby restaurant.

Those with WWW capabilities can find more info and a map on the Club's Web Site. Surf to www.mtechnologies.com/mthome and look for the CQC link at the bottom of the page.

73
Marshall
AA0XI/VK5FN

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Len W. Tough" <len@infinet.com>
Subject: [7859] CQrp Meeting Reminder - This Saturday!
Message-ID: <199701032215.RAA18576@mail1.infinet.com>

Just a final reminder to list members that are planning on attending.

The January Meeting of CQrp will be tomorrow (January 4) at 10:00 AM at Universal Radio in Reynoldsburg, Ohio in the Conference Room. Those that need help with directions-

Just off I-70 - take Brice Road Exit South to First Light - Take a Left onto Tussing Road.
Down about 1 mile take a Left onto Americanna. Universal is down on your left. Easy to find.

Steve Bornstein (K8IDN) will demo his LDG QRP Autotuner that he mentions in his recent builders report on the CQrp Website, and in the CQrp newsletter. We will also demo the new CQrp website (phone lines permitting), and hand out the CQrp membership certificates.

Hope to see you there.

Best 72/3

Len

KG8SF

len@infinet.com

kg8sf@key.com

QRP-L # 841

CQrp # 2

ARCI # 9025

FISTS # 2134

CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp

Web Page: <http://www.infinet.com/~len>

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: kb0rol@juno.com (Bradley L Mugleston)

Subject: [7812] Fox Novice/Tech+ Schedule

Message-ID: <19970102.223327.7591.3.kb0rol@juno.com>

YES, by the powers that be I will be the N/T+ Fox on Monday Night January 6th LOCAL that's Tuesday Morning January 7th UTC. So far the 7.112 gods have been good to me so that's where I will be. I will be on between 0200 to 0400Z everyone should know what time this is local by now - if you don't send me an EMail with your time zone and I'll get my slide rule out and see if I can figure it out.

The conditions have been good, bad and ugly but don't give up hope, I'll be there.

Don't forget I will be in Hawaii between the 17th and the 25th. I should have EMail access to this group and will post as soon as I know when I can be on the air. I don't know what the time difference is between UTC and KH6 land but I will try for 0200 to 0400 and If there are people out there giving me a call I won't stop until the hula girls drag my dead, fat (terribly white - or maybe by that time sun burnt) body off the key. So I won't be breaking the FOX rules once my two hours are off I no longer count as fox points but as FSFD points (or is it FDFS).

To Neil - WA7SSA - you've caught me every time you've tried - do you need KH6?

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [7839] FOX: Final tally 12-26-96
Message-ID: <19970103.101558.12991.0.tahrens1@juno.com>

Here are the final results from Fox Night December 26

QSLs will be in the mail probably in the next 2 weeks.
Thanks to all who were able to copy me! Conditions were kind of rough (with the sic Argo's front end), but plans are in the works to fix that!

Thanks again for the fun, & maybe again next year.

Thanks,

Tim W5FN

QSO#	TIME	CALL	SENT	RCVD	NAME	STATE	QRPL/PWR
1	2:00	KK5RO	449	599	VERNON	OK	325
2	2:01	AB5UA	559	599	CLIF	OK	478

3	2:02	WA5YFY	569	569	DUB OK	159	
4	2:04	AA0XI	449	559	MARSHALLCO		153
5	2:06	K50N 559	579	GARY NM	770		
6	2:07	W0CH 589	599	DAVE MO	618		
7	2:09	K5UP 559	559	GLEN OK	21		
8	2:11	WA9PWP	579	559	PAUL WIS	127	
9	2:13	W0HEP	559	599	RICH CO	5W	
10	2:18	AB50U	559	559	TIM NM	73	
11	2:19	N6XU 559	579	STAN CA	66		
12	2:20	W6ZH 569	579	PETE CA	257		
13	2:22	N6MM 569	579	HARVEY	CA	318	
14	2:23	K2VCO	559	579	VIC CA	725	
15	2:24	KU7Y 559	569	RON NV	17		
16	2:26	NQ7X 559	569	FLOYD	AZ	343	
17	2:28	W6EMT	339	559	ROY WA	369	
18	2:32	K6VNX	579	579	ARLEN	CA	5W
19	2:34	KE4YH	559	579	STEW AL	590	
20	2:36	N5LU 569	559	BILL OK	5W		
21	2:37	WA6HHQ	559	569	ERIC CA	429	
22	2:38	AB7TK	559	579	RANDY	NM	102
23	2:40	W7KXB	559	569	BILL AZ	4W	
24	2:43	W6JHB	569	559	JIM CA	596	
25	2:45	WA6NAE	559	579	DWIGHT	CA	5W
26	2:46	N7CTJ	569	579	DICK NV	843	
27	2:48	W00Q 579	579	MARTY	CO	793	
28	2:54	WA7LNW	559	579	JACK AZ	903	
29	2:56	K5LE 559	559	JIM CA	534		
30	2:57	N6WG 559	569	BOB CA	27		
31	3:00	KI7MN	569	599	BOB AZ	271	
32	3:02	NQ7K 579	559	MIKE AZ	47		
33	3:04	W6BAB	569	579	HARVEY	CA	5W
34	3:05	K7TP 569	559	GROVER	CA	669	
35	3:06	KI60Y	559	599	LEE CA	837	
36	3:12	W7GVN	559	579	ROD AZ	849	
37	3:14	AB7ST	449	559	BOB UT	129	
38	3:15	N4JS 559	579	JOHN NJ	884		
39	3:19	KB7BD	559	559	DAN AXZ	696	
40	3:20	WW7Y 559	559	STEVE	UT	94	
41	3:22	W03B 569	559	BOB MD	195		
42	3:23	AE4IC	569	579	BOB NC	54	
43	3:25	N9DD 559	559	TOM IN	32		
44	3:26	N7KT 559	559	ROGER	AZ	62	
45	3:28	N2CX 449	459	JOE NJ	97		
46	3:32	W3DW 559	559	DAN MO	663		
47	3:35	N3GO 559	599	GARY NC	8W		
48	3:37	NI0A 449	559	JOHN MN	689		
49	3:39	N2YRJ	579	599	BOB NY	128	
50	3:42	AA1MY	449	559	SEAB CT	574	

51	3:47	KJ7NS	569	569	PHIL WA	528
52	3:49	AB0CL	559	559	DICK CO	483
53	3:50	W2UX	559	559	GARY SC	593
54	3:52	KC40	559	559	ROY KY	322
55	3:54	KD40BQ	449	559	PATRICK FL	1W
56	3:58	K3QIO	559	559	JIM DEL	817

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
 From: "Vernon A. Hatley" <vhatley@flash.net>
 Subject: [7844] FS: OHR Explorer II (40)
 Message-ID: <199701031733.LAA27030@endeavor>

Excellent condition, never used outside or mobile. NO modifications at all on this rig. This rig has over 30 confirmed FOX kills over the last 2 hunting seasons; a proven FOX hound. Ordering new OHR kit so something must go. \$85 shipped lower 48. Thanks.

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 KK5RO
 Vernon A. Hatley
 Shawnee, OK

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
 From: bobsey@juno.com (Robert G. Seymour)
 Subject: [7798] FSFD
 Message-ID: <19970103.014920.9278.0.BOBSEY@juno.com>

0147..... Where are all the FSFD hunters??? 45 minutes gone and only 7 stns to show for it. Very, very noisy tonite and signals not very good but I will keep trying.

C'mon guys and gals, I'm waiting!!!!
 Bob, W0LK in Arkansas

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
 From: wd4et@juno.com
 Subject: [7809] FSFD
 Message-ID: <19970102.232416.6550.0.wd4et@juno.com>

I heard Bob W0LK from here in Florida for over an hour. I believe I barely got through about 2240 EST. There was a lot of SSB from South America on my end. Thanks.

Jeff WD4ET

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: N4JS <jsielke@pobox.com>
Subject: [7858] FSFD
Message-ID: <Pine.LNX.3.95.970103164424.9000A-1000000@jsielke.ppp.cyberenet.net>

Well, I got skunked yesterday. Today, signal on 20 were better, but nothing from 6 or 7 that I heard. 30M was better, I listened with the IC720A and heard Europeans and good sigs. Unfortunately, until my QRP+ comes, I don't have a QRP rig in 30M. (The IC720A only goes down to about 10 watts). We'll see if I can snare AZ on 40m tonight!

BTW, proud of myself, I actually got the Christmas lights down today. It was 62 deg here in S. NJ. First time I ever got them up so early (weekend after Thanksgiving, and down before April!

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 ( N ) ( 4 ) ( J ) ( S )  
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John L. Sielke n4js@amsat.org
n4js@pobox.com n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~n4js>
QRP-L #884 QCWA

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [7803] FSFD (50 States) Daily Update for Jan 03
Message-ID: <199701030204.VAA06354@alaska.magpage.com>

Hello ALL, (activity info at <http://www.dancris.com/~ki7mn>)

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 20. Below is a the schedule of States for the next few days. We will attempt to provide digested schedules of states/times/bands/freqs. to help reduce message traffic to the reflector. Typically, 1 message per day only.

**** POSTNG EARLY d/t W7KXB new 4 AM Start Time Tomorrow AM ****

Thanks to KS4L/N4SO, W0LK/N9ZZ for starting us off with Alabama and Arkansas. Good job by both by all.

Jan. 03, Friday ARIZONA KC7NEV, Joe: 2->3:30 PM MST 14.062

		4->5:30 PM MST	10.118
NOVICE		7->8:30 PM MST	7.118
NOVICE		9:30->on til??	7.118

W7KXB, Bill:	4->7 AM	MST	3.550
	9:30->10:30 AM	"	7.038
	10:30 AM->2 PM	"	18.079
	2:30->4 PM	"	18.079
	4-6:30 PM	MST	7.038
	7:30->Midnight	"	1.812

KK7BD, Dan:	9->10:30 AM	MST	10.118
	11 AM->12:30	"	14.060
	1->2 PM	"	21.060
	2:30->3:30 PM	"	10.118
	4->5:30 PM	MST	14.060
	6:30->7:30 PM	"	7.038
	7:30-9 PM	MST	3.560

Jan. 04, Saturday	COLORADO	AL7GQ, Geno:	5->6 AM	MST	7.042
	NOVICE		8:30->9 PM	MST	3.722
	NOVICE		9:30->10 PM	MST	7.111
	NOVICE		10:30->11 "	"	3.722
			11:15->11:45 "	"	1.812

AA0XI, Marshall:	7->9 PM	MST	7.037
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	KB0VCC, Dale:	2->4 PM	MST	14.058
NOVICE		7->9 PM	MST	7.112
		9:05->10 PM	"	7.042
		10->11 PM	MST	3.561
NOVICE		11:05->Midnite		3.702

Jan. 05, Sunday	CALIFORNIA	W6JHB, Jim:	10 AM->6 PM	PST	10.110->10.118
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N6WG, Bob:	5->7 PM	PST	7.035->7.045
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(START in AM)	AC6KW, Jeff:	8->8:30 AM	PST	7.042
		2->3 PM	PST	14.059
		3->3:30 PM	PST	21.059
		7->9 PM	PST	7.042

K6LS, Phil:	4->8 PM	PST	7.040 +/-10Kc
	but not dead on .040		

Jan. 06	Monday	SPARTAN SPRINT, no special FSFD state (work everybody)
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Jan. 07	Tuesday	CONNECTICUT	AA1MY, Seab:	9 PM->11 PM	EST	7.042
				11 PM->Midnight		1.810

Jan. 08	Wednesday	DELAWARE	K3AS,	Bill: 10->10:20 AM EST	7.042
				Noon->12:30 PM "	14.059
				1->1:30 PM "	21.059
				2-2:20 PM "	7.042
				9->11 PM "	3.556

Novice	K3QIO, Jim:	9->9:20 AM	EST	7.042
		10->10:20 AM	EST	14.059
		Noon-12:20 PM	EST	10.115
		1->1:20 PM	EST	18.079
		2->2:20 PM	EST	21.111
		9->11 PM	EST	7.042

N4BP, Bob:	1->4 PM	EST	14.058
	4->5 PM	EST	10.115
	5->7 PM	EST	7.038

N4XY, Ed	TBA
KI4JA, Kieth	TBA

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc, we give those not on QRP-L an indication of what we're doing. FSFD type calling might be too cryptic for all but ourselves. However 'FS' is fine when busy.

If you are on this list and haven't gotten an e-mail request from me regarding YOUR operating desires, just fill in the info here and reply. I have suggested the 40M frequencies when not specified by the volunteer.

Anyone else want to sign-up, e-mail band/freq/time directly to:

congress@magpage.com

Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: bobsey@juno.com (Robert G. Seymour)

Subject: [7856] FSFD ARKANSAS

Message-ID: <19970103.211752.2726.0.BOBSEY@juno.com>

Condx weren't the best last night. In fact they were pretty lousy but here are the stations I managed to pull thru all the noise. A few of these just dropped by to find out what all the fuss was about.

40 METERS

K3ETS	559	TX	Denny	
AC5AM	559	LA	Bob	
K5ON 569	NM	Gary		
W7KXB	339	AZ	Bill	
KD6VIO	339	CA	Bob	
N6WG 559	CA	Bob		
AA8LF	569	MI	John	
K5WO 579	TX	Bob		
W50IH	579	LA	Rod	
KB0ZDF	559	IA	Dean	
N5QBX	599	TX	Paul	
W7GVN	339	AZ	Rod	
W2UX 559	SC	Gary		
N5TIE	569	TX	Bob	
W5HNS	599	TX	Henry	
NQ7K 339	AZ	Mike		
AB5UA	559	OK	Clif	
K0EVZ	559	MN	Doc	
KC5SJI	599	NM	Bill	
W5KOD	569	TX	Bill	His first contact with new QRP+
N4UN 579	KY	Dave		
WD4ET	339	FL	???	
KS4L 589	AL	Randy		
W0RW 559	CO	Paul		
N5LU 599	OK	Bill		
WA9PWP	559	WI	Paul	
N0KM 339	CO	Dave		
N4IM 339	TX	Cole		

W1ME 339 ME George
VE5RC 559 SK Bruce
WD0FTW 339 CO Jerry
NN9K 569 IL Peter
KF9HC 579 IL Dick

Two others heard but not good enough to claim a contact. Sorry guys.
N4IM and KG0NA

Good luck to all the other states and their hunters. Had a good time
here even if it is work digging them out of the noise!!!
72, Bob, W0LK, Mountain View, AR

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [7825] FSFD MD missed Arkansas :(
Message-ID: <Pine.3.89.9701030811.C16482-01000000@w3eax.umd.edu>

Listened off and on for about 3 hours last night for W0LK and nothing
heard. Can't say I didn't try...

Will be on air on the 20th

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Byron8LCZ@aol.com
Subject: [7845] FSFD results
Message-ID: <970103124939_1722806796@emout10.mail.aol.com>

Hi FSFD'ers,

I didnt hear K0LK at all, wonder what antenna he was using ?

I did manage to work N9ZZ, i think i was his second contact. Heres my log for
the evening:

010397 0030Z W4ED	3.560 BOB ATLANTA GA QRP5 X-AE4CA	439
0041Z Y 0 5 450		
010397 0043Z VE9VIC	3.560 RINO NEW BRUNSWICK 10W	549 429

0050Z Y 0 5 450
 010397 0054Z WA1UPB 3.560 JOHN N.C. QRP5 OHR SPIRIT 2 LOOP 569 569 0102Z
 Y 0 5 450
 010397 0107Z N9ZZ 3.559 BOB ARKANSAS QRP FSFD 559 429
 0113Z Y 0 5 450
 010397 0214Z WS8D 3.559 MIKE HAZEL PARK 50W SEMDXA 599 599
 0227Z Y 0 5 450
 010397 0256Z W1FMR 3.559 JIM FITTON NH QRP5 LW 559
 549 0303Z Y 0 5 450
 010397 0325Z KC1DI 3.559 DAVE LIMINGTON MAINE QRP5 LOOP 579 439 0331Z
 Y 0 5 450
 010397 0407Z WR4A 3.559 HERB MADISON ALA 100W VERT 559 579 0420Z
 0 0 5 450

rig: Kenwood 450, ant Gap Titan vert up 12 ft, 9913 coax, pwr 5w
 DSP JPS NRF-7, noise canceling JPS ANC-4

Not only is FSFD tuning out to be a great way to bag those elusive states 2-way QRP but the residual fallout of all the other QRP stations near the freq is helping to fill the WAS slots even faster. And that makes it a fun evening of QRP'ing.

Even through the propagation isnt very good, its amazing how many 5w signals are making it into Michigan on 80m. I hope we see more states providing 80m coverage, now that its the bottom of the solar cycle and winter time. 80m will never be better. thats a scary thought.

It would be great if the FSFD hams for the day, along with his log, would also post his antenna info, including height above ground, so we could learn what antennas are most effective. I would also like to see feedlines, ie RG-8, RG-58, 450 ohm ladder line (giving us an idea of possible losses), etc. I'm sure we'll see patterns emerging, using certain types of antennas that produce max results in all directions. This info will be very useful in the upcoming QRP contests. Even though a lot of emphasis is being put on ant tuners, i prefer an all band ant that doesnt require any tuning when qsy'ing to other bands, or rotating or switching.

72, Byron WA8LCZ Detroit Mich
 80M: 29 states worked, 17 2-way QRP

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
 From: GARY MCCAUGHEY <MAIL4GARY@worldnet.att.net>
 Subject: [7804] FSFD: W0LK on the mark!!
 Message-ID: <19970103025037.AAA27138@LOCALNAME>

GOT HIM!! It is 0245Z and W0LK is right on 7.042. Weak and QRM (449)

here in SC but I got him and that is what counts.

THIS IS FUN!!

73 from Gary - W2UX
CW is the REAL THING!
QRP-L #593
QRP ARCI #8911
(EX: WA2UAX)
Lexington, SC

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Bob Finch <bfinch@vet.purdue.edu>
Subject: [7862] Gee whiz Roy...i'm sorry
Message-ID: <199701032247.RAA21551@vet.vet.purdue.edu>

Gee whiz roy.....maybe we BOTH need to lighten up a bit.

Yeah, your AND several other messages gave rise to my
response. (After-all you AREN'T the one I wrote about
who got on cecil's case about Bruene. And you aren't the
one who suggested Maxwell's choke balun is no good 'cause
it can be made with the wrong toroids.)

I really did enjoy reading your humor laden posts. And
I don't mean to get you chain-smoking your Chesterfields. I am
sorry if I made it seem like I was singling you out. I just
(with some exceptions) don't like mentioning individuals
DIRECTLY except in a good light. Therefore you were the only
one I mentioned 'by name'. I really enjoyed your posting,
AND it got me to thinking about stuff. (And this may be a
good thing ?!)

I am sorry, I really didn't mean to single you out for the rest of the note.

But yes Roy there is NO SUCH THING as the universal tuner without accepting 2nd rate performance. And asking the manufacturers to make such a 'wide-application' tuner gives rise to some junk you get to buy 5 times over (paraphrasing your last posting.)

There is seldom (as I see it) a normal or typical installation. But there are ground rules. You DON'T have to learn alot. It can however seem that way because of too complicated instructions or other crappy text book style articles. And the 'pundits' can get too puffy about what a particular design can do while maintaining good efficiency. It is a wonder ANYONE can ferret out anything of value with a reasonable amount of work.

That's some of what I was trying to say. It's just my viewpoint; nothing more.

And finally I want to say sorry again. I didn't mean any harm to you. Please keep up the humor. Apparently I need it!

Baab, W9YA nee n6cxb

bfinch@vet.purdue.edu

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Frank Brand <frank001@postoffice.worldnet.att.net>
Subject: [7817] HW-8
Message-ID: <32CCB56E.62F3@postoffice.worldnet.att.net>

I'm looking for a non-working or damaged HW-8 to use as a spare parts source for my HW-8. Anyone have one?

Thanks & 73, Frank W6EV

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Alan Slusher" <slusher@caribnet.net>
Subject: [7808] HW-9 Schematic
Message-ID: <m0vg0fM-000FUEC@prop>

I am seeking assistance from this forum on behalf of a fellow ham in Barbados (8P6AZ) for a copy of the schematic diagrams for the Heathkit HW-9 transceiver. He has just got hold of a working unit (complete with WARC bands), but the transmitter output is 3khz higher than the receiver frequency.

If anyone can assist, please e-mail me directly so that I can make suitable arrangements to defray costs.

Wishing everyone a happy and fox-filled 1997 (including FSFD, FS-QRP, and xMPS).

72/73 Alan 8P9BM
QRP-L 568

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [7826] Interest in group purchase of AT-11s?

Message-ID: <Pine.3.89.9701030845.D16482-01000000@w3eax.umd.edu>

This is the higher-power version AT-11 auto-tuner, as built by Bob, W03B. I was impressed and would like to possibly use one as a main station tuner.

A purchase of 2 gets 5% off.

A purchase of greater than 10 gets 10% off.

Folks, can we get 10 purchased? If there's interest, let me know.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [7849] LDG AT-11 Autotuner purchase IS ON!!!

Message-ID: <Pine.3.89.9701031230.N16482-01000000@w3eax.umd.edu>

Here be the deal:

We have confirmed FIVE purchases already. If you want one, or know anyone who does, PLEASE let me know by, let's say, Friday, January 17. I will need a name, phone number, and an e-mail address (if applicable).

At that point, I'll be able to tell each person of the total I'll need from each in order to make the purchase. Again, LET'S GET THOSE PURCHASES COMING!

Below 10, we get 5% off (\$142.50, but it won't stop at five).

At 10 (ten) we go to a discount of 10% off the normal price of \$150 (\$135).

At 25 we go to a discount of 15% (\$127.50).

etc.

etc.

The cabinets, whose purchase is NOT required, are very nice custom cabinets made by Ten-Tec. They sell for \$30. The kits will handle 100 watts, and tune VERY quickly, from all reports. They will tune at 2 watts of power.

Good enough to be your station tuner (I plan to make mine, mine).

If you want more info. on the kits, the write-up can be found in January 1996 (note, 1996, not 1997) QST, page 35.

The details:

- 1) The final kit cost is determined by the total number of kits purchased.
- 2) Enclosures will cost \$30 each, and are not subject to the discount.
- 3) People send money to me, I pay LDG, and they get shipped to me for around a buck apiece. No tax.
- 4) People will then be shipped their orders via UPS ground - and since UPS is just two miles from my house, it will be cheap - cross-country shipping will run LESS than six dollars for 5-lb. packages.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: cookes@pc.jaring.my (Joseph Siong 9M8ST / V85ST [G-QRP 7986])
Subject: [7821] MFJ ...What v happen?
Message-ID: <199701031208.UAA22368@relay4.jaring.my>

Dear fellow qrpers,

Recently I ordered a MFJ power pack (MFJ-4110X) from MFJ Enterprise Inc. where I have also sent the bank draft to them sometime in November 1996. My instruction was to sent the package to a friend in Oregon.

Up to date my friend in Oregon had not receive the package so I e-mailed again to MFJ [76206.1763@compuserve.com] few days before Christmas and another towards year end 1996 but have not received any respond.

Does any one know if MFJ is still close for the Holidays or assist in this matter pls respond direct to me via e-mail pls. Thankyou.

Joseph

TC SIONG 9M8ST/V85ST snail mail address :

G-Qrp 7986
93150 Kuching Sarawak
MALAYSIA

171D Cookes Drive

For more information about SARAWAK check in

<http://www.sarawak.gov.my/stb>
++ Malaysian Amateur Radio Society Web Site ++
[<http://promalaysia.com.my/~marts/index.html>]

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: chuckolson@juno.com (Chuck Olson)
Subject: [7860] Mini-circuits catalog
Message-ID: <19970103.160036.4807.0.chuckolson@juno.com>

This is for the data-book hounds out there. Today I received a copy of the RF / IF designers handbook from Mini-Circuits (of SBL-1 mixer fame). Holy cats! 740 pages of data in a handcover book !

I got mine by sending an email request to: lb@minicircuits.com

Best Regards,
Chuck Olson
WB9KZY
Jackson Harbor Press
Washington Island, WI

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [7829] Minnesota QRP Meeting
Message-ID: <199701031408.IAA00314@Spacestar.Net>

Hello Minnesota QRP'ers,

The January meeting of the Minnesota QRP Society will be held;

Date: Saturday, January 4th, 1997 (THAT'S THIS SATURDAY)

Time: 2:00pm to 4:30pm
Place: Edina Community Library
4701 West 50th Street Edina, MN

This is just east of Hwy. 100 on 50th Street next to the police station.

Hope to see you there!

73 de KA0GKC Claton Cadmus

E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org
Packet ka0gkc@wb0gdb.#stp.mn.us
ARRL, QRP-ARCI, NorCal, ARCC, MNQRP Society

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: georges@echoman.com (George Spear)
Subject: [7837] Need help w QRP from hotel/motel
Message-ID: <19970103161357372.AAA294@Georges.echoman.com>

I travel a lot on business and often stay in hotels and motels. I have no idea how to get on 40M in the evening with a resonable antenna from a hotel situation. Does anyone have suggestions for lightweight portable antennas that can be used from a hotel without drawing too much attention from the hotel management?

George A. Spear
AA1PD QRP-L #918
188 Scribner Hill Road
Otisfield, ME 04270

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Larry Jones <ljones@flash.net>
Subject: [7818] NORTEX meeting Give away!!
Message-ID: <199701030728.BAA02142@endeavor>

Greetings Gang...

This is for those that might be coming to the NORTEX meeting. I am not going to hord parts anymore. I am going to be bring my surplus supply of various electronic parts to the January meeting for give away. There will also be some old data books if you want them. Books will go to the trash if not taken. I will be doing this for several meetings in a row, weather permitting. So, if you miss this time, there is still a chance that there

will be some later. Just want to share the wealth. So, come one, come all to the NORTEX meeting January 4th @ SGI.

72/73 & God Bless...

dee-it dee-it

Larry Jones N50SG <><	NORTEX	QRP-ARCI	G-QRP	MI-QRP	CQC	NorCal
4028 Random Circle	NE-QRP	QRP-L	ARRL	NTMS	CSVHFS	
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT			

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Richard D. Richmond" <richmord@aa.wpafb.af.mil>
Subject: [7832] OHR Response
Message-ID: <970103102725.648@ethel.aa.wpafb.af.mil.0>

In a couple of earlier messages, I discussed a problem that I was having aligning my OHR Explorer. The problem turned out to not be the rig, but the power supply. When I sent the first message to the List, I also sent one to Oak Hills. I thought that the list would like to know that OHR had responded to my inquiry within an hour, and Dick's suggestion was to check out the power supply. Just another example of good, competent technical support from one of the good guys in our hobby.

Rich, N4AFX

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: dannyayers@juno.com (Danny K Ayers)
Subject: [7838] Power Supplies for sale?
Message-ID: <19970103.101517.16751.0.dannyayers@juno.com>

Hello Everyone,

Please pardon the bandwidth, but I somehow managed to delete a recent post regarding someone with a bunch of 12V 800mA (underrated?) power supplies for sale. Would someone please resend the info privately?

Tnx and 73,

Danny- WX4P (ex-AD4Y0)

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Richard D. Richmond" <richmord@aa.wpafb.af.mil>
Subject: [7823] Problems with Oak Hill Explorer II (30 Meters)
Message-ID: <970103080044.648@ethel.aa.wpafb.af.mil.0>

Gang, I need some help from this august group of experts! I finally got around to testing and aligning my OHR Explorer II and ran in a problem. Initial alignment of the VFO went fine. When I tried to adjust the output power level was when I had problems. The output signal looks good, but the power is way too low. On the scope, I am showing about 12 volts p-p into a 50 ohm load. By my calculations, that works out to 350 mw, and while that would be fine for a QRP rig, it is well below the 2-3 watts that the rig is designed for. Before I started taking the thing apart and trouble shooting it, I thought that it would be a good idea to ask for any suggestions or insights from this group since I know that a large number of us bought rigs at the same time (the qrp-1 group buy). If your comments are long or general, you might want to reply to me directly. Really good insights should go to the list as a whole.

Thanks in advance for any help that you can give me.

Rich Richmond, N4AFX
'richmord@aa.wpafb.af.mil'

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "Richard D. Richmond" <richmord@aa.wpafb.af.mil>
Subject: [7828] Problems with Oak Hill Explorer II (30 Meters) - Update
Message-ID: <970103090532.648@ethel.aa.wpafb.af.mil.0>

Before everyone starts sending all of the good advice that I was sure to get in response to my previous message, I wanted to let everyone know that I have found the problem.

When first powering up a rig, I like to use an adjustable current limited power supply. That way, I can slowly increase the current and watch for any problems before they get a chance to really fry something. Well this time, the power supply that I was using was faulty and although it was rated for 0.6 amps, was cutting out at about 0.13 amps!! I changed to another supply and now I am getting 33 volts p-p into 50 ohms (about 2.2 watts). Now that I also finally got my Gap antenna up, I hope to have the rig on the air in the near future. Be looking for you there.

72 Rich, N4AFX

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [7835] Re[2]: Antennas TRUTH and cycles

Text item:

>Is this 50 ohm load conjugatly matched to the transmitter?
>We don't know, because we don't know the transmitter's impedance.
>If it is 50 ohms, then yes. If not, then no. - Jeff, WA6AHL

Hi Jeff, here's the conjugate matching theorem: "If a group of four-terminal networks containing only reactances (or lossless lines) are arranged in tandem to connect a generator to its load, then if at any junction there is a conjugate match of impedance, there will be a conjugate match of impedances at every other junction in the system."

As you can see, the theorem does *not* include the generator nor the load since they are not "four-terminal networks containing only reactances". The theorem only includes the "junctions" of the generator and the load. The internal impedance of the generator is therefore, irrelevant by definition (unless there are reflections reaching the generator).

You say if the transmitter's impedance is 50 ohms then there is a conjugate match. You say if the transmitter's impedance is not 50 ohms then there is not a conjugate match. Yet the conditions "at any junction" in the entire network are identical in both cases and therefore, BY DEFINITION, if there is a conjugate match with a 50 ohm transmitter, there must be a conjugate match with any other transmitter since the conditions at the junctions are identical and the rule of identities of physics applies.

In the example I gave, the Z0-match at the coax/twinlead junction guarantees, by definition, that all the "four-terminal networks" are conjugately matched.

73, Cecil, W6RCA, OOTC

Text item: External Message Header

The following mail header is for administrative use and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Subject: Re: Antennas TRUTH and cycles
From: jeffa@ix.netcom.com (Jeff Anderson)
Message-Id: <199701031449.GAA29588@dfw-ix12.ix.netcom.com>
From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Russ1031@aol.com
Subject: [7861] Second Reminder for the January 6 Spartan Sprint
Message-ID: <970103173233_977860420@emout08.mail.aol.com>

Out here in the soggy northwest, we've been having a lot of trouble with phone and Internet service. Thus, I'm not sure whether the following notice, originally posted to QRP-L on January 2, ever arrived to the QRP-L server. As an insurance policy, I herewith post it again.

The January Spartan Sprint will be held on January 6 (which is our standard date--the first monday of the month).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:30 PM EST, 8:30 CST, 7:30 MST and 6:30 PST.
Finish at 11:30 PM EST, 10:30 CST, 9:30 MST and 8:30 PST.
2. The frequencies will be 7040+- kHz and 3560+- kHz. (You may operate one or two bands--your choice.) Check 3579 kHz too.
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP".
5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://members.aol.com/adradio/index.html>)
6. You can take credit for working the same station on a second band.
7. To spice things up, we'll give you double credit for every contact on 80 meters.

After the contest, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Russ by Tuesday night, he will include your data in the contest results, which will be published on Thursday, October 10 on the ARS web site and the QRP-L. Russ' e-mail address is Russ@natworld.com.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, antenna tuner and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and QSOs per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of Qs per pound.

ARS provides handsome certificates to the operators who achieve the top four scores in the Qs per pound category.

You can get a full explanation the Spartan Sprints from our web site, www.natworld.com/ars.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Goemans <jgoemans@facstaff.wisc.edu>
Subject: [7811] SKN...
Message-ID: <199701030445.WAA41049@audumla.students.wisc.edu>

Greetings.

In spite of poor conditions, I managed 16 contacts during the time of SKN. I worked QRP only, around half of the contacts were on 40 mtrs, one on 30 mtrs, the rest on 20 mtrs.

I decided to make at least one contact with each of my 9 straight keys,

which I did. I keep telling my ham friends I don't collect keys.. (got any neat old ones for sale?)

I did manage 3 or 4 2-way QRP contacts out of those.. also worked one of our QRP-L own, Paulette WB9VHF (former N90UH), who is local here. Best "DX" were some Pacific NW stns on 20 mtrs.

72 Paul

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: georges@echoman.com (George Spear)
Subject: [7851] SLV where can I get more info abt this??
Message-ID: <19970103191812979.AAA288@Georges.echoman.com>

Monte Stark KU7Y gave me the following info

<<The SLV is a 20' fishing poll that you can get for about \$25. Then use it as a vertical by using it to hold a wire and by winding a loading coli on the bottom.

Closes down to about 3' for travel.

I can't remember where all the web sites are that talk about it, but ask the list and duck, cuz you'll get a bunch of answers!!>>

So list members what are those website URL's

TNX es 72
George

George A. Spear
AA1PD QRP-L #918
188 Scribner Hill Road
Otisfield, ME 04270

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: rxd7@hunny.INS.CWRU.Edu
Subject: [7840] Small Wonders Lab & Surface Mount

Message-ID: <v01540b01aef299fb3f35@[129.22.116.58]>

I need the name of the owner, and the telephone number for Small Wonders Lab.
I would appreciate having it e-mailed to rxd7@cwru.edu.

Also, is there any other kit makers that make surface mount ham gear ?

Thanks, 73, Dick Dell

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Martin Squicciarini <skitch@resuba.com>
Subject: [7834] Spartan Sprint??
Message-ID: <Pine.LNX.3.91.970103103640.18765A-100000@resuba.com>

I see that the Spartan Sprint is Mon Jan 6 (Sherlock Holmes' Birthday)
and I would like to know what are the rules, exchange, time. If this has
been posted already please forgive the wasted bandwidth.

72/73
Marty Squicciarini NR3Z
skitch@resuba.com (home)
msquicci@vf.lmms.lmco.com (work)

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [7854] TAC-1 Update (Long)
Message-ID: <19970103.125220.9798.1.gsurrency@juno.com>

Hi guys. I have found a few small mods to the two TAC-1s I own that helps
the T/R transistion and helps to reduce audio thumps during keying. I
also modified the overall AF gain to a lower level allowing better range
of control.

Here is what I did:

Change C143 from a 2.2 uf 50v electrolytic to a 3.3 or 4.7 uf 16v
tantalum or electrolytic. The 3.3 uf tantalum cap was just right in my
rigs, and allows a very short interval to be retained from xmit to rcv.
This cap makes up part of a RC time constant on the keyed line to the
CD4016 audio switch mute line. A little but of the edge of the keyed

waveform was slipping thru the audio line before this mod, causing a small "pop" when the keyed line goes high.

Across resistor R110, place a miniature monolithic ceramic cap of .22 uf to .33 uf. I had a couple of axial lead monolithic ceramic caps I got from one of Dan's Small Parts capacitor assortments that was just right. It is so small, it fits right along side the resistor body and nestles up in the relief between the carbon film resistor's end lead caps. The caps are yellow, shorter than a 1/4 watt resistor, and are marked on the axial lead body as follows:

K5U
334M

A very small tantalum or ceramic disc capacitor would work as well electrically, but would not be so asthetically (sic?) pleasing. I just tacked soldered the short leads to the top of the doubled-sided plated-thru PCB right at the resistor's pads, after forming the leads slightly and trimming them so they do not protrude beyond the pads. You can't notice it's addition unless you know where to look, since the cap is so small and fits along side the resistor so closely.

The reason for the .33 uf cap is because a small transient spike from keying on the +12v power bus is coming in to the LM358 op amp's non-inverting input (+ lead) thru the resistor divider that applies 6v to enable the op amp.

This transient is probably coming from the PA stage as it is keyed, and the high gain of the audio chain "hears" it. A small amount of de-coupling of the +12v to the op amp does the trick and further cleans up the T/R switching.

Now, there are NO discernable thumps or clicks during keying. In fact, I can clearly hear between Dots up to 12-13 WPM as indicated by the built-in PIC keyer's digital display! The addition of these two caps does not appear to significantly affect (or delay) the fast T/R switching, but it does help immensely with cleaning up the performance.

Also, since I like my volume knob's normal position for reasonable volume NOT to be just off the left-hand stop, I decided to change the overall AF gain to a smaller value so the volume control has a better range of adjustment.

On U1, the LM386 audio amp, I changed R4, the 10 ohm resistor in series with the 10 uf capacitor on the gain pins, to 1.2K. This reduces the

LM386's gain considerably, and results in a quieter AF response. With the original 10 ohm resistor, the audio stage was pretty much running "full steam" and was too noisy. You might want more or less gain here, depending if you are a speaker or headphone user, but I think mine is about right now, and full volume really requires a full turn of the knob now.

To return the sidetone level to a level that allows the sidetone level control to be set in the middle of its range, I changed R85 from 10k to 2.2K. This gets the signal from the sidetone oscillator back where it should be at the point where it goes into U1, the LM386 audio amp.

I changed the gain resistor, R105, of the op-amp following the audio switch from 51k to 22k on the 80m rig, and 10k on the 40m rig. This changes the stage's gain from 5.1 to either 2.2 or unity. The 40m rig didn't need as much gain, since 40 is already pretty noisy, and 80m tends to be a little quieter at my QTH and my 80m antenna is less "noisy" too.

Your situation may differ, but here is a good starting point. I just place a test resistor into the empty thru-plated PCB holes until I get the range of AF gain I desire. Then it is soldered in place.

I had already replaced Q17 and Q18, 2N5770s, with MPS2222a transistors to improve the noise figure of the RF and IF stages. A small improvement was realized with these quieter transistors, and the high Ft of the '5770 isn't really needed at 3.5 or 7 MHz for the RF or 12 MHz for the IF stages. If your transmitter won't produce a full 5 watts, try one of the MPS2222a devices at Q6, and/or a 2N4403 at Q3. I only needed the '4403 in mine.

Proper transmitter bandpass alignment is essential for clean, full output too.

The mods just described result in a more pleasing radio to operate, and require just a little effort to perform. I think owners of the TAC-1, a really fine QRP transceiver, will enjoy these changes. Good luck! ;-)

vy 72, 73

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [7807] Ten Tec 1054 Regen Rx
Message-ID: <19970102.223805.9223.5.WB8YGG@juno.com>

Well, with reading the talk about the Ten Tec receivers, as well as others, I will pass on that I just got done helping my sons put together theirs.

It's a very nice radio.
With the LM386 there is enough gain to drive a speaker.
The smile on my sons face was well worth it.

73 Brad WB8YGG

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: cookes@pc.jaring.my (Joseph Siong 9M8ST / V85ST [G-QRP 7986])
Subject: [7820] Transistor replacement?
Message-ID: <199701031155.TAA21665@relay4.jaring.my>

Hi fellow Qrpers,

Does any one out there know the equivalent to this transistor VN10
[including the Japanese equivalent?]

Pls e-mail me direct with infos. Thanks inadvance.

Joseph

TC SIONG 9M8ST/V85ST snail mail address :
G-Qrp 7986 171D Cookes Drive
93150 Kuching Sarawak
MALAYSIA

For more information about SARAWAK check in

<http://www.sarawak.gov.my/stb>
++ Malaysian Amateur Radio Society Web Site ++

[<http://promalaysia.com.my/~marts/index.html>]

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [7852] VFO capacitors
Message-ID: <3.0.32.19970103144428.0094ad90@tiger.avana.net>

Hi everyone... this is a completely unsolicited compliment of Carl, KM1H's vfo capacitors. They are terrific!!! Everything Carl said they were and more. He originally had a lot of 'em... but you never know. If you're into building, and want to get a really GREAT tuning capacitor, look into these caps. I have included his orig. message below. He can be reached at
<km1h@juno.com>

At 01:00 PM 12/3/96 EST, you wrote:

>I have a real nice 100pf variable made by TRW.
>It is in a standard BC style frame and 1 5/8" deep.
>It is double spaced and the rotor plates are highly polished aluminum;
>the stators polished copper. The dissimilar materials give a NPO
>coefficient. It is simple enough to remove plates to obtain lower
>maximum values.
>It uses a gear drive; 2:1 ratio and anti-backlash gears. The shaft is
>standard 1/4".
>
>Ive been selling at fleamarkets for \$15. I will sell here for \$12 each or
>3 for \$30. These are brand new and list for over \$65. I have a large
>quantity available and could negotiate a nice deal for a large club or
>dealer purchase. They would also make excellent caps for an ATU.
>
>73.....Carl
>
>
>
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [7810] W0LK
Message-ID: <5602302202011997/A33831/RIEL/11B1159C0700*@MHS>

Just worked Bob on 7.041.8 at 0424Z...vy weak here 339 but he heard me 559...
no sign of N9ZZ on 80 mtrs....good luck...73 Bruce (VE5RC) QRP-L#886
"QRP! How sweet it is!"

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [7827] When is QRP-TTF?
Message-ID: <199701031356.FAA29600@sierra.psnw.com>

Ladies and Gentlemen,

Has a date been set for the QRP To The Field contest? My boss needs to know
what dates I need off in April, May and June for all that "ham radio stuff."
I know Field Day is the third full (rainy) weekend in June and QRP-TTF was
in April last year. And, let's see, wasn't there something going on for
four days in May, too?

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: km1h@juno.com
Subject: [7842] Re: 160m Olde Tyme Radio
Message-ID: <19970103.113414.9895.3.km1h@juno.com>

I hope that the following will be of interest.
By Gentlemens agreement 160M is broken down into sub sections depending
upon use; during hours of darkness. (and particularly during the winter
months)

1.800 - 1.825 General CW and RTTY
1.825 - 1.840 DX CW, not for domestic ragchews
1.840 - 1.850 DX SSB and DX related discussions, coordinating, etc.
1.850 - 2.000 General SSB, AM, SSTV, etc.

I hope that the above volunteer band plan will assist your efforts. In the DX Windows, in particular, KW stations are the norm, not the exception.

73 and GL with the QRP efforts.....Carl KM1H

On 3 Jan 97 08:36:00 -0500 mvjfm@mvubr.mv.lucent.com (James M Fitton +1 508 960 2577) writes:

>
>Bob, AA4IC,
>
>Last nite,
>a kw 160m SSB station was splattered
>all around the freq. we wanted to use.
>My little \$50 SWL-160, with NE-602 front
>end almost bounced off the table HI
>
>But, 1.833 MHz was clear, and I called CQ QRP.
>
>AA1MY/QRP (CT), with his BIG LOOP ant answered and
>the fun began !!!
>
>He called CQ QRP and we had 6 QSOs, and 4 were 2XQRP.
>We were calling and looking for you.
>
>
>160m
>QRP QRO
>-----
>W1FMR NH VE1ZJ
>AA1MY CT AA80Y
>WA4DAI VA
>WA1QVM MA
>VE3CSK (7W) ONT
>
>
>How about a 160m sked next Thurs. nite 1/9/97
>at 8 p.m. around 1.833 MHz ?
>
>Thanks gang for the great fun !
>-----
>
>Other 2XQRP QSOs last nite
>on 3.560, with :
>
>AA1MY SEAB (Big Loop)
>W3CV SCOTT

>W7KXB (AZ) BILL
>VE3SP RON
>WA8CLZ BYRON
>
>
>Happy New Year to all....
>
> Jim W1FMR
>
>
>

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [7814] Re: Antennas TRUTH and cycles

>From: jeffa@ix.netcom.com (Jeff Anderson)
>he's someone that made his living at it for over 40 years, and has been
>publicly recognized for his contributions. If he's not an expert, who
>is?

The guy whom he's arguing with who has made his living at it for over
50 years? Take a look at the following example:

XMTR---50 ohm coax---1/2 wavelength of 450 ohm line---50 ohm antenna

The fact that the SWR on the coax is 1:1 means that there is a
Z0-match at the coax/450 ohm line junction and this system is
conjugately matched with an SWR of 9:1 on the 450 ohm line. The
transmitter output impedance is irrelevant unless there are
reflections reaching the transmitter and there are none. It walks
like a conjugate match and quacks like a conjugate match.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: jeffa@ix.netcom.com (Jeff Anderson)
Subject: [7831] Re: Antennas TRUTH and cycles
Message-ID: <199701031449.GAA29588@dfw-ix12.ix.netcom.com>

Cecil Moore wrote:

>Take a look at the following example:
>

>XMTR---50 ohm coax---1/2 wavelength of 450 ohm line---50 ohm antenna
>
>The fact that the SWR on the coax is 1:1 means that there is a
>Z0-match at the coax/450 ohm line junction and this system is
>conjugately matched with an SWR of 9:1 on the 450 ohm line. The
>transmitter output impedance is irrelevant unless there are
>reflections reaching the transmitter and there are none. It walks
>like a conjugate match and quacks like a conjugate match.
>
>73, Cecil, W6RCA, OOTC
>
>
Good example.

First, let me assume that the antenna is 50 ohms resistive.

I'll agree that we have a Z_0 match at the coax/450 ohm line junction, if we define it as looking from the input of the 50 ohm coax towards the load, rather than looking from the coax/450 ohm line junction towards the load.

But I'll disagree that we have a conjugate match, and I'll disagree that the transmitter output impedance is irrelevant.

Why do I say this?

First, let's define Z_0 match and conjugate match (and I'll quote these definitions from Maxwell's "Reflections").

1. Z_0 match: The condition in which the impedance seen looking into a transmission line is equal to the characteristic impedance of the line.
2. Conjugate match: The condition for maximum power absorption by a load, in which the impedance seen looking toward the load at a point in a transmission line is the complex conjugate of that seen looking toward the source.

Now, let's apply these definitions to the example.

1. Looking into the 450 ohm line (at the "coax/450 ohm line junction") towards the load: The impedance we see is 50 ohms (we've moved completely around the smith chart's SWR circle). The characteristic impedance of the line is 450 ohms. 450 ohms does not equal 50 ohms, therefore there is no Z_0 match to this line.
2. Looking into the 50 ohm coax towards the load. The impedance we see is 50 ohms. The coax's characteristic impedance is 50 ohms. Therefore there is a Z_0 match here.

3. Pick any point in the transmission line system and look back towards the source. What impedance do we see? We cannot say, because the source's output impedance has not been defined in the example - remember, the transmission line will act as an impedance transformer on the source impedance in exactly the same fashion that it acts as one on the load impedance. But if we don't know the source impedance, then we won't know to what value it's been transformed. And if we don't know the transformed value, then we cannot say if it is, or is not, the complex conjugate of the value seen looking in the other direction. In other words, the transmitter's impedance is quite relevant.

A simpler way of saying all of the above is this: The antenna & transmission line looks to the transmitter like a 50 ohm load (that is, we could replace it with a 50 ohm resistor and the transmitter would not know the difference). Is this 50 ohm load conjugately matched to the transmitter? We don't know, because we don't know the transmitter's impedance. If it is 50 ohms, then yes. If not, then no.

Regards,

- Jeff, WA6AHL

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: rhight@primenet.com (Roger Hightower)
Subject: [7816] Re: FSFD
Message-ID: <199701030549.WAA24728@primenet.com>

At 01:49 AM 1/3/97 PST, Robert G. Seymour wrote:
>0147.... Where are all the FSFD hunters??? 45 minutes gone and only 7
>stns to show for it. Very, very noisy tonite and signals not very good
>but I will keep trying.
>
>C'mon guys and gals, I'm waiting!!!!
> Bob, W0LK in Arkansas
>
>
SUGAR BOWL from 0100Z-?

There's more to life than QRP, :-)

72/73 de Roger N7KT (Ex-AA7QY) Mesa, AZ Grid DM43cj

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [7822] RE:FSFD - Maryland
Message-ID: <258B4943412@dental3.ab.umd.edu>

Gang -

Just a little note of the conditions here in Maryland. On Jan 01 I caught N4S0 with about 5 minutes of work, but the keyer broke a spring and had to finish the qso by hand (I mean two wires in hand!). Then last night I could barely hear W0LK for about an hour, at 2205 he came in clear as a bell and I sent my call, he listened for a minute but a KC5?? caught him. Oh well, I can hear them when they can't hear me is the moral of that. I had the DSP filter fully tweaked and the ARK 40 tuned to 20hz of his signal (my spectrum display on goes that close). I'm scheduled for Maryland on 20th if you can just recognize a signal we should make it. Have fun, see later.

John N3REY
Always QRP!

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7848] Re: FSFD results
Message-ID: <199701031811.LAA29726@dancris.com>

At 12:49 PM 1/3/97 -0500, you wrote:

>

>

>It would be great if the FSFD hams for the day, along with his log, would
>also post his antenna info, including height above ground, so we could learn
>what antennas are most effective. I would also like to see feedlines, ie
>RG-8, RG-58, 450 ohm ladder line (giving us an idea of possible losses), etc.
>I'm sure we'll see patterns emerging, using certain types of antennas that
>produce max results in all directions. This info will be very useful in the
>upcoming QRP contests. Even though a lot of emphasis is being put on ant
>tuners, i prefer an all band ant that doesnt require any tuning when qsy'ing
>to other bands, or rotating or switching.

>

>

I'm not too sure about all that detail being of much use, given that each installation is unique to the terrain, buildings, etc.. Too many variables.

An excellent transmitting antenna into a lousy receiving antenna equals no reception and would skew any data that you tried to plot. Same in reverse. Add in the propagation variable and I don't see much of any sense at all, without enough repetitive data between points A and B to come up with a trend that points to rig A, antenna B and the propagation indices in effect at the time.

Let's not get too much clutter in this one. The qsl card should give most of the info needed, anyway.

73,

Bob KI7MN Chandler, AZ Grid DM43BI Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: Jim Hydzik <congress@magpage.com>

Subject: [7796] Re: FSFD?

Message-ID: <199701022253.RAA23689@alaska.magpage.com>

At 04:53 PM 1/2/97 -0500, you wrote:

>I am new to the list and was wondering what FSFD stands for and how
>one participates.

Hi George,

I'm Jim K3QIO in Delaware and FSFD is a result of my madness at 3 AM and too many Thanksgiving turkey enzymes. It stands for 50 States in 50 Days. On this reflector everything gets annacronymed or abbreviated. It is simply an attempt to 'organize' a list of volunteers who will be on from their state for one specific day/night and we just take them in rough alphabetical order A-Z and it started on Jan 01. That's what those FSFD daily schedules are all about. So if you need to work FLORIDA QRP for whatever reason, you will find it listed for Thursday, Jan 09.

All the info and particulars are on Bob Hightower's web site:

<http://www.dancris.com/~ki7mn>

Enjoy, CU in '97, Jim K3QIO email me directly for any questions
congress@magpage.com

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: Kevin Bunin <p014455b@pbfree.net.seflin.lib.fl.us>

Subject: [7801] Re: FSFD?

Message-ID: <Pine.3.89.9701022114.D3629-0100000@pbfree.net.seflin.lib.fl.us>

All I know is Fifty State in Fifty Days! The rest someone else will have to fill you in on....I am almost as new as you.

73 de KB WV5Z

Kevin Bunin
p014455b@pbfree.net.seflin.lib.fl.us

On Thu, 2 Jan 1997, George Spear wrote:

> I am new to the list and was wondering what FSFD stands for and how
> one participates.
>

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [7806] Re: Hamstick Dipole
Message-ID: <19970103.031622.5223.0.k5zty@juno.com>

Right on Cecil... That's what I thought about that SLV antenna mess. That thing wasn't much more than a dummy load and people went bananas over it. Just because it looks neat doesn't mean it works well. The physics of antenna radiation still apply.

72,
Bill, K5ZTY

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [7813] Re: Hamstick Dipole
Message-ID: <32CB3B1C.1C0E@concentric.net>

WILLIAM A STIETENROTH wrote:

>
> Right on Cecil... That's what I thought about that SLV antenna mess. That

> thing wasn't much more than a dummy load and people went bananas over it.
> Just because it looks neat doesn't mean it works well. The physics of
> antenna radiation still apply.
> 72,
> Bill, K5ZTY
>
> WITHOUT CW, IT'S JUST CB
> ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
> QRP-L 473
I beg your pardon.....

The SLV is not a "mess". What is IS is a great jumping off point to make a perfectly usable field antenna. I made some very SIMPLE mods to the antenna and it performs great! If people kept ideas to themselves and did not share them even if the antenna "wasn't much more than a dummy load" (in your opinion) then there would have been no improvements to the idea. I am sure that if I was the guy that thought of it and took the time and the effort to let the world know about it and include the effort to publish it, I would be offended by your remarks. We ALL know that when it comes to antennas that there is no free lunch. I went on a lengthy soap box the last time this came up. There is a huge difference between EFFICIENT antennas and EFFECTIVE antennas. If I can take a fishing pole and wrap some 300 ohm twinlead around it, take it to the field and make contacts, and if I have fun, then it is an EFFECTIVE antenna. If I can take the basic design and mod it slightly, and then that same modded antenna performs only 6 db down on transmit on 3 db down on receive from my 300 dollar Gap Titan (yes I am real estate-ly challenged, no huge antenna farms here) then it is an EFFECTIVE antenna. The guy that invented the SLV lives in an apartment and cannot use anything much bigger or better. What he does do is not sit around and whine about his "dummy loads" but gets on the air, has fun and makes contacts. That is what this hobby is all about! I know that there are those out there that think that he who dies with the biggest antennas and most countries worked wins. I am here to tell you all that he that has the most fun for the time invested and money invested wins. He who helps as many others by sharing his ideas and projects wins. I agree that you should erect the most efficient and effective antennas that you can. But to sit back and take exception to those that gamble, experiment and try new things just because it should not work or those that are in the know sit back on their educated laurels and pass judgement on projects like this should think again. The true spirit of QRP and home brewing is dig in, get your hand dirty and try anything that you like. This is what makes it fun! The first version of the SLV that I made was stock and I worked Japan on 3 watts! on 20 meters! Did I have a booming kilowatt driven stacked 6X6X6 599 + 20db ego driven signal? No! Did I have a kilowatt and 599+20 boat load of fun? Hell, YES!

My sincere appreciation to the list for their patience with my diatribes. Flame suit standing by, besides we haven't had a good emotion

stimulating discussion since the last stupid virus alert, at least it is not flogging the QRO CB thread to death. That is what I like about this list. Good honest discussion without the mud slinging crap of some of the other forums...

Best
Jess N0TFI

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: wd4et@juno.com
Subject: [7815] Re: Hamstick Dipole
Message-ID: <19970103.004529.6278.0.wd4et@juno.com>

Well said Jess,

A milliwatt of positive effort, a kilowatt of satisfaction!

Jeff, WD4ET

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: jbartac@max.state.ia.us (jbartac)
Subject: [7836] RE: Music & Freq of Notes - (Long)
Message-ID: <32CD4818.43FB@max.state.ia.us>

I wrote this to Charles W5ISZ:

I noted your reply to Dan about the frequency of low "D" on a banjo. I need to let you know of an error in your message to him. The standard tuning note used in western music (as opposed to the hauntingly beautiful music of the far East or the middle East) is A440, or the "A" below middle "C" which has the frequency of 440 Hz.

You said that A440 was above middle "C", but if that were true, the lowest note on the piano, a very low "A" would be 27.5 HZ (below normal human ability to hear) instead of the actual 55 Hz for that note.

Attached here is the message I sent directly to the initial inquiry about the frequencies of musical notes:

I noted that it is easy to calculate the freq of a given note on the piano mathematically. When you figure that the standard A 440 is the "A" below middle "C", and it is a given that every octave up doubles the freq and octave down halves the freq, one can calculate the percent

change between each note of the western scale.

I used my calculator and the banking interest formula to find out the change between adjacent notes in a given octave on the piano between A440 and A880. Total after interest = principal (1 + interest) to the power of the # of interest periods.

In music then, $\text{FREQ-hi} = \text{FREQ-lo} [1 + \% \text{ change}]^{*12}$
(12th power used due to 12 chromatic notes in an octave)

Numerically this is: $880 = 440 [1 + \%]^{*12}$

Solving the equation, $880/440 = [1 + \%]^{*12}$

$2 = [1 + \%]^{*12}$

the 12th root of 2 = $[1 + \%]$

$[1 + \%] = 1.05946$.

Therefore, starting with any note of the scale that you know the freq of, you can multiply by 1.05946 and you get the freq of the next adjacent higher note. Conversely, you can divide by that # and you get the next adjacent lower note! Pretty slick, eh?

Here is a chart of frequencies of notes from A880 above middle "C" down to the "C" below middle "C":

TONE	APPROXIMATE FREQ IN Hz (rounded off a little)
-----	-----
A.....	880 ("A" above middle "C")
G#.....	830.61
G.....	784 (Actually 783.99)
F#.....	740 (Actually 739.99)
F.....	698.46 (Very close to popular 700 HZ CW pitch)
E.....	659.25
D#.....	622.25
D.....	587.33
C#.....	554.36
Middle C....	523.25
B.....	493.88
A#.....	466.16
A.....	440
G#.....	415.31
G.....	392 (Actually 391.99773)
F#.....	370
F.....	349.23
E.....	329.63
D#.....	311.13
D.....	293.67
C#.....	277.18

C.....261.63

72,

Jerry L. Bartachek KD0CA <><
Washington, IA

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [7846] RE: Music & Freq of Notes - (Long)
Message-ID: <v03007805aef2f83cc1b3@[129.74.35.16]>

At 9:55 AM -0800 1/3/97, jbartac wrote:

>You said that A440 was above middle "C", but if that were true, the
>lowest note on the piano, a very low "A" would be 27.5 HZ (below normal
>human ability to hear) instead of the actual 55 Hz for that note.

Sorry, A-400 is the A *ABOVE* Middle C.

Take a listen to this:

<<http://qrp.cc.nd.edu/440.au>>

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [7847] RE: Music & Freq of Notes - (Long)
Message-ID: <v03007808aef2fa483d0e@[129.74.35.16]>

>At 9:55 AM -0800 1/3/97, jbartac wrote:

>>You said that A440 was above middle "C", but if that were true, the
>>lowest note on the piano, a very low "A" would be 27.5 HZ (below normal
>>human ability to hear) instead of the actual 55 Hz for that note.

>

>Sorry, A-400 is the A *ABOVE* Middle C.

>

>Take a listen to this:

>

> <<http://qrp.cc.nd.edu/440.au>>
>
>
>
>-----
>Steve Hideg, N8HSC/9 QRP-L #136
>Check out the Internet QRP Club's site on the WorldWide Web:
> <<http://qrp.cc.nd.edu/QRP-L/>>

Before anyone corrects me, I meant A-440, not 400.

--Steve

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Art Searle <w2nra@netusa.net>
Subject: [7855] Re: Music & Freq of Notes - (Long)
Message-ID: <32CD65EF.4C53@netusa.net>

Jerry L. Bartachek KD0CA wrote:

> F.....698.46 (Very close to popular 700 HZ CW pitch)

--- ***_000_ *00_****_*0_0_ 0**_*_ *00_**000_0*_*0*_*0_---

Only kidding, it's actually very interesting and hey it's
the best I could do with text based representation.

72, de Art

--

Art Searle, W2NRA [ex WU2K], ARRL Life Member, QRP-L #524
QRP ARCI #9123, DXCC MX & CW HR, NRA Benefactor Life Member
NRA Certified Firearms Instructor, Fight for your rights!
Join the NRA now! <http://www.nra.org/>

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: Stanley Wilson <microres@crl.com>
Subject: [7841] Re: Need help w QRP from hotel/motel

Message-ID: <Pine.SUN.3.91.970103080857.8820A-100000@crl10.crl.com>

George pitch a 30 to 40 ft wire out of the window. Ask for the top floor.

Be careful I stayed at one motel, checked in after dark, pitched a wire into some trees only to find next morning the electric company had a high voltage line running through the trees. Use another wire about 30 ft long for your ground. A lot of the pipes in the motels are plastic so a piece of wire works about as well as a bath room ground.

Hv fun, you will be surprised at how easy it is to get something to load up.

de stan ak0b

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [7797] Re: NW8020, help, please

Message-ID: <199701030016.RAA21371@zia.aoc.nrao.edu>

Jeff,

Why would you want to build the NW8020 thingie from Dan's when that design is several generations out of date? For \$75 or something, you can get the REAL NW-rig of your choice direct from EmTech. I assure you, the performance between the new and old is night and day.

72, Paul NA5N

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997

From: Bob Patten <n4bp@shadow.net>

Subject: [7843] Re: Power Supplies for sale?

Message-ID: <Pine.SOL.3.91.970103123409.22181A-100000@hyper>

On Fri, 3 Jan 1997, Danny K Ayers wrote:

> Please pardon the bandwidth, but I somehow managed to delete a recent
> post regarding someone with a bunch of 12V 800mA (underrated?) power
> supplies for sale. Would someone please resend the info privately?
>

I would also like the info...

Bob Patten, N4BP

Plantation, FL

n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: dannyayers@juno.com (Danny K Ayers)
Subject: [7850] Re: Power Supplies for sale? ---THANKS
Message-ID: <19970103.130015.3583.2.dannyayers@juno.com>

Many thanks to all those who replied... within minutes I might add. I'll forward the info to all the others who responded wanting the info.

73,
Danny- WX4P

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [7853] Re: Small Wonders Lab & Surface Mount
Message-ID: <19970103.125220.9798.0.gsurrency@juno.com>

>Dick Dell asked:

S&S Engineering makes some surface mount digital vfos and frequency counters. I haven't got any of them - yet. :-)

They're on the web:

<http://xmetric.com/sseng/>

73,
A satisfied S&S customer, as you can tell. Quality products and support.

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "M. Monninger" <markem@primenet.com>
Subject: [7802] Re: Smith Charts
Message-ID: <1.5.4.32.19970102192755.00f379d4@mailhost.primenet.com>

At 11:06 AM 1/2/97 PST, Cecil wrote:
>Smith Charts are usually available at one's local university.

>It is available in PostScript and/or smith.gif from:
>
><http://marconi.uakron.edu/~wtm/smith.html>
>

Be careful about printing, tho. They say to just copy the .ps file to LPT1 on a PC...that will work only if your printer understands postscript. Lots of PC printers don't do postscript and you'll get a nice printout of the postscript source. Interesting but not terribly useful (unless you want a lesson in PS programming). If you don't have a PS-capable printer you'll need something like ghostscript to make it work.

Just a little warning...

73... Mark AA7TA

From owner-qrp-l@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: WD6BOR@aol.com
Subject: [7805] Re: SPRAT #89, DON'T MISS IT!
Message-ID: <970102223243_70344001@emout16.mail.aol.com>

In a message dated 97-01-02 02:15:55 EST, adams@chuck.dallas.sgi.com (chuck adams) writes:

<<
Congrats to George Dobbs, G3RJV, and the group in G-QRP on yet another excellent issue. I got mine just before leaving for NM for a week of vacation time in the mountains of beautiful northern NM. Wound up in an RF hole, but that's another story for another time.

>>
Chuck and the group,

I just joined both G-QRP and CQC, and wish I had done so when I first became interested in QRP building and operation. What I've been missing! This issue of "Low Down" has part three of an article by Paul Harden on audio amp chips, 380 and 386. Now I have to beg someone for copies of part 1 and 2. Sprat has that Pixie article, which means I now get to scrap the half-built Pixie and mold it into the "new, improved" version. I'll never catch up!

Words of wisdom, benefit of my experience, etc... do yourself a favor, support the QRP part of the hobby and have a lot more fun by subscribing to these excellent QRP publications, as well as QRPp (Norcal), QRP Quarterly

(ARCI) and any of the others you can find! For such a nominal cost they are worth reading and then re-reading. My only wish is that the publication dates were staggered so I could look forward to a different one in the mailbox each month instead of only four months out of twelve. My wife thinks the excitement and glee I show when an issue drops through the mail slot borders on just downright pitiful. Sigh...

72, Darrel, WD6BOR
Sonoma, CA

From owner-qrp-1@Lehigh.EDU Fri Jan 3 18:01:41 1997
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [7830] RE: When is QRP-TTF?
Message-ID: <38626.owen@apollo.eeel.nist.gov>

In message Fri, 3 Jan 1997 05:56:27 -0800 (PST),
kd7s@psnw.com (Bill Jones) writes:

> Ladies and Gentlemen,
>

I know Field Day is the third full (rainy) weekend in June

Field Day is ALWAYS the FOURTH full weekend in June check QST for exact dates.